

11 Conservation of the Biodiversity and of the Environmental Services of the Forest: Basis for the Sustainable Development of the Amazon

Organizer by:

- Regina C. C. Luizão, Scientific Coordinator of the Biological Dynamic of Forest Fragments Project - BDFFP. National Institute for Research in the Amazon

13:50 **Overview** by Symposium Organizer

14:00 Learning from a long-term study of forest fragmentation and conversion in central Brazil: BDFFP insights and highlights
Luizão Regina C. C.

14:20 Loss of Environmental Services from Deforestation in Brazilian Amazonia: Impacts of the Manaus-Porto Velho (BR-319) Highway
Fearnside Philip M, Paulo Mauricio Lima Graça, Alencastro and Keizer Edwin Willem Hermanus

14:40 Biogeochemical Functioning of Intact Forest and Altered Ecosystems in Central Amazon: Loss and Rehabilitation of Environmental Services at Local Scale.
Luizão Flávio J. and Regina C.C. Luizão

15:00 Coffee break

15:20 Disrupted Ecosystem Functioning in Amazonian Forest Fragments
Laurance William

15:40 Studies on conservation and use of forestry resources: natural history of tropical trees, seed technology and seedling propagation
Camargo José Luís

16:00 Ecological Succession in Degraded Areas of the Central Amazon: Processes, Causes and Consequences
Mesquita Rita and Tony Vizcarra Bentos

16:20 Conclusion Symposium